

**ABSTRACT OF THE DISCLOSURE**

A method for controlling a manufacturing process includes processing a plurality of workpieces in a tool; monitoring a rework rate associated with the workpieces processed in the tool; and initiating an automatic corrective action in response to the rework rate being greater than a predetermined threshold. A manufacturing system includes a tool adapted to process a plurality of workpieces and a rework controller adapted to monitor a rework rate associated with the workpieces processed in the tool and initiate an automatic corrective action in response to the rework rate being greater than a predetermined threshold.